



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92802

Eiichi KITAZONO. et al.

Appln. No.: 10/565,019

Group Art Unit: 1711

1

Confirmation No.: 5222

Examiner: Mesh, Gennadiy

Filed: January 19, 2006

For:

TEMPERATURE-RESPONSIVE HYDROGEL

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: The submission of

INFORMATION DISCLOSURE STATEMENT

U.S. Application No.: 10/565,019

Attorney Docket No. Q92802

English language abstracts for JP-A-10-513386, JP-A-7-278203, and WO 03/028781 A1

constitutes a concise statement of relevance of JP-A-10-513386, JP-A-7-278203, and WO

03/028781 A1. Also, JP-A-10-513386 corresponds to U.S. Patent 6,080,194. In addition, the

discussion in the English translation of the International Preliminary Report on Patentability

submitted herewith constitutes a concise statement of relevance of JP-A-7-278203, as does the

citation in the International Search Report submitted on January 19, 2006.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account.

Respectfully submitted,

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: April 5, 2007

Registration No. 33,725



Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Comp	lete if Known
Application Number	10/565,019
Confirmation Number	5222
Filing Date	January 19, 2006
First Named Inventor	Eiichi KITAZONO
Art Unit	1711
Examiner Name	Mesh, Gennadiy
Attorney Docket Number	Q92802

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number		Publication Date			
Initials*	No.1	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US 5,939,323		08-17-1999	Valentini et al.		
		US 6,080,194		06-27-2000	Pachence et al.		
Î		US					
		US					
		US					
		US					

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date	Name of Patentee or	
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
		JP 10-513386 A	A	A 12-22-1998		Abstract and corresponding USP 6,080,194	
		WO	01/36000	Al	05-25-2001	BIO SYNTECH CANADA, INC.	
		WO	99/24070	A2	05-20-1999	FIDIA ADVANCED BIOPOLYMERS, S.R.L.	
		JP	7-278203	Α	10-24-1995	COLLAGEN CORP	Abstract
	******	wo	03/028781	Al	04-10-2003	JAPAN SCIENCE AND TECHNOLOGY CORPORATION, NATIONAL INSTITUTE FOR MATERIALS SCIENCE, AND NITTA GELATIN INC.	Abstract
		WO	02/44276	A2	06-06-2002	FOCAL, INC.	
						-	

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		TOSHI FUJISATO, TOSHINOBU SAJIKI, QIANG LIU and YOSHITO IKADA; Effect of basic fibroblast growth factor on cartilage regeneration in chondrocyte-seeded collagen sponge scaffold; Biomaterials 1996, Vol. 17, No. 2, pages 155-162						
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Examiner Signature		Date Considered	

Complete if Known Substitute for Form 1449 A & B/PTO Application Number 10/565,019 Confirmation Number 5222 **INFORMATION DISCLOSURE** Filing Date January 19, 2006 STATEMENT BY APPLICANT Eiichi KITAZONO First Named Inventor (use as many sheets as necessary) Art Unit 1711 Examiner Name Mesh, Gennadiy 2 of 2 Sheet Attorney Docket Number Q92802

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number		Publication Date			
Initials*	No.1	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US					
		US					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or	
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶

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		LUIS A. SOLCHAGA, JUNG U. YOO, MAGNUS LUNDBERG, JAMES E. DENNIS, BARBARA A. HUIBREGTSE, VICTOR M. GOLDBERG, and ARNOLD I. CAPLAN; Hyaluronan-based Polymers in the Treatment of Osteochondral Defects; Journal of Orthopaedic Research, 18:773-780 (2000)							
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		BYEONGMOON JEONG, SUNG WAN KIM, and YOU HAN BAE; Thermosensitive sol-gel reversible hydrogels; Advanced Drug Delivery Reviews, 54 (2002) 37-51							

Examiner Signature	 Date Considered	